

What is claimed is:

1. A process for producing a hollow molded article having an open end by blow-molding method, which comprises setting a resin parison in cavity formed by a pair of metal
5 mold members, blowing a pressurized gas into the resin parison to form an intermediate molded article, and cutting a predetermined part from the intermediate molded article with forward or backward movement of a cutting means which is movable crossly the cavity.

10 2. A process according to the claim 1, wherein the predetermined part of the intermediate molded article is cut with a cutting means which is attached to the one member of the metal mold members and is movable reciprocally in a cross direction relative to the longitudinal or axial
15 direction of the cavity.

3. A process according to the claim 1, the cutting means is guided movably along a groove or slit formed in the metal mold members, and the predetermined part of the intermediate molded article is cut with the cutting means.

20 4. A process according to the claim 1, wherein the cutting means comprises a blade being crossable in an across direction relative to the axial direction of the intermediate molded article, and at least one end of the intermediate molded article is cut by the blade of the
25 cutting means.

5. A process for cutting an unnecessary portion(s) of a hollow molded article in a metal mold, which comprises

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setting a resin parison in cavity formed by a pair of metal mold members, closing the metal mold members and blowing a pressurized gas into the resin parison to expand and form an intermediate molded article, and cutting a predetermined part of the intermediate molded article with forward movement of a blade of a cutting means which is movable crossly the cavity.

6. A blow-molding apparatus for producing a hollow
molded article, which comprises a pair of metal mold members
10 which are openable or closable each other and are formable
a cavity for accommodating a resin parison,

a blowing means for blowing a pressurized gas into the resin parison to form an intermediate molded article,

a cutting means, which is movable crossly the
15 cavity, for cutting a predetermined part of the
intermediate molded article, and

a reciprocating means for reciprocating the cutting means.

7. A blow-molding apparatus according to the claim
20 6, wherein the inner wall of the metal mold members has
a groove or slit extending to a cross direction relative
to the axial direction of the intermediate molded article,
and the cutting means comprises a cutter unit for cutting
the intermediate molded article and an actuating means for
25 actuating the cutter unit forward or backward direction
along the groove or slit.

8. A blow-molding apparatus according to the claim

7, wherein the groove or slit is formed at a position of the inner wall corresponding to an end or edge of a final molded article.

9. A blow-molding apparatus according to the claim
5 7, wherein the cutter unit has a circular hollow blade being
acceptable the accommodation of the resin parison.

10. A blow-molding apparatus according to the claim
7, wherein the cutter unit has at least an inclined or curved
blade which contacts pointedly or in point or linearly
10 substantially with the surface of the intermediate molded
article.

11. A blow-molding apparatus according to the claim 6, which further comprises

15 a stopper being displaceable forward or backward
against an end of the resin parison and closable tightly
the end of the resin parison in association with the mold
members, and

a control unit for controlling the forward or backward movement of the cutting means in response to the backward or forward movement of the stopper relative to the intermediate molded article.

wherein the forward displacement of the stopper regulates the advancement of the cutting means and the backward displacement of the stopper allows to move the cutting means forward.